



PATENT APPLICATION

Attorney Docket No. 71708

#2 / Power of Attorney
Richard E. Wawrzyniak
12/11

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Yang et al.

Application No.: 09/747,253

Filed: December 20, 2000

For: SYSTEM AND METHOD
FOR PROVIDING ADAPTIVE
SCALING OF SELECTED
FEATURES IN AN INTEGRATED
RECEIVER DECODER

Group Art Unit: 2173

Examiner:

) I hereby certify that this paper is being
) deposited with the United States Postal
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) addressed to: Commissioner for Patents
) and Trademarks, Washington, D.C. 20231,
) on this date.

) 9/20/01 *Richard E. Wawrzyniak*
) Date
) Richard E. Wawrzyniak
) Registration No. 36,048
)
)
)
)
)
)
)

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Commissioner for Patents
Washington, D.C. 20231

I hereby appoint:

☒ [X] Practitioners at Customer Number 22242



OR

☐ [] Practitioner(s) named below:

Name

Registration No.

Yang et al.
S.N. 09/747,253

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number _____

OR

☐ Firm or Individual Name _____

Address _____

City/State/Zip _____

Country _____

Telephone _____ FAX _____

I am the:

☐ Applicant/Inventor

☒ Assignee of record of the entire interest. See 37 CFR
§ 3.71. Statement Under 37 C.F.R. § 3.73(b) is enclosed.

SONY CORPORATION
SONY ELECTRONICS INC.

9/5/01
Date

Frederick J. Zustak
Frederick J. Zustak
Manager, San Diego Operations
Intellectual Property Department
Reg. No. 36,728



FITCH, EVEN, TABIN & FLANNERY
120 South LaSalle Street, Suite 1600
Chicago, IL 60603-3406
Telephone: (858) 552-1311
Facsimile: (858) 552-0095



ATTORNEY DOCKET NO. 71708

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Date 9/20/01 Richard E. Wawrzyniak
Registration No. 36,048

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CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Sony Corporation/Sony Electronics Inc., a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A.☒ An assignment from the inventor(s), of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011416, Frame 0551, or for which a copy thereof is attached.

OR

B.☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: To:
The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.
2. From: To:
The document was recorded in the Patent and Trademark Office at Reel , Frame C, or for which a copy thereof is attached.
3. From: To:
The document was recorded in the Patent and Trademark Office at Reel , Frame C, or for which a copy thereof is attached.

S.N. 09/747,253

[x] Copies of assignments or other documents in the chain of title are attached.

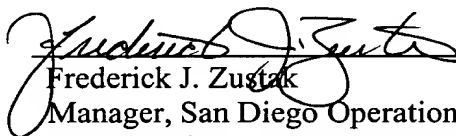
The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SONY CORPORATION
SONY ELECTRONICS INC.

Date: 9/5/01


Frederick J. Zusta
Manager, San Diego Operations
Intellectual Property Department
Reg. No. 36,728

ADDRESS ALL CORRESPONDENCE TO:

FITCH, EVEN, TABIN & FLANNERY
120 South LaSalle Street, Suite 1600
Chicago, IL 60603-3406
Telephone: (858) 552-1311
Facsimile: (858) 552-0095

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in _____

A SYSTEM AND METHOD FOR PROVIDING ADAPTIVE SCALING OF SELECTED FEATURES IN AN INTEGRATED RECEIVER DECODER

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan and Sony Electronics Inc. a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656 (hereinafter referenced as ASSIGNEES) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEES thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

And I hereby authorize and request my attorney(s) of record in this application to insert the execution date, serial number and filing date of this application in the spaces that follow: Serial Number: _____, Filing Date: _____.

This assignment executed on the dates indicated below.

Hong Yang
Name of first inventor

Execution date of U.S. Patent Application

11715 Aspen View Drive, San Diego, California 92128
Residence of first or sole inventor

Signature of first or sole inventor

12-18-2000
Date of this assignment

STATE OF California
COUNTY OF San Diego ss.

On this 18th day of December, in the year of 2000, before me, KE Sanks, the undersigned notary public, personally appeared the above-named assignor, Hong Yang, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument (the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

KE Sanks
Notary Public



Assignment
Page 2

Jenny Su Chow

Name of second inventor

Execution date of U.S. Patent Application

17145 Russet Street, San Diego, California 92127

Residence of second inventor

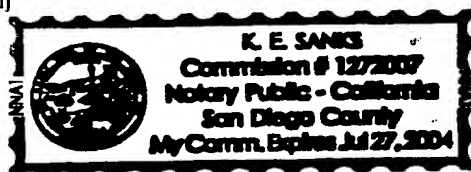
Signature of second inventor

Date of this assignment

STATE OF California
COUNTY OF San Diego ss.

On this 18th day of December, in the year of 2000, before me, KE Sanks, the undersigned notary public, personally appeared the above-named assignor, Jenny Su Chow, ~~known to me~~ or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

[Seal]



KE Sanks
Notary Public